



EX. LIGHTING CONTROLLER
(INSTALL BREAKER FOR TEMP. TRAFFIC SIGNAL SERVICE)
TEMPORARY CABLE

WOOD POLES AND TEMPORARY MAST ARMS SHALL BE LOCATED A MINIMUM OF 20 FEET FROM THE EDGE OF THE DRIVING LANE.

THE CONTRACTOR SHALL LOCATE THE TEMPORARY WOOD POLES AND MAST ARMS TO PREVENT CONFLICTS WITH THE EXISTING OVERHEAD ELECTRICAL LINES. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO DETERMINE ALLOWABLE POLE OFFSETS AND POLE PLACEMENT FROM OVERHEAD ELECTRIC LINES.

TEMPORARY TRAFFIC SIGNAL CONSTRUCTION NOTES	
T1.	THE CONTRACTOR SHALL FURNISH AND INSTALL EQUIPMENT WITH RESPECT TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THIS SHALL INCLUDE ALL CABLES, SIGNAL HEADS, CONDUIT, CONTROLLER AND CABINET, WOOD POLES, GUY WIRE, TEMPORARY CONCRETE FOUNDATIONS, TEMPORARY UNDERGROUND CONDUIT, TEMPORARY ELECTRIC SERVICE, TEMPORARY STRIPING, AND ALL OTHER EQUIPMENT REQUIRED FOR THE INSTALLATION.
T2.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRANSPORTING THE IDOT SUPPLIED TEMPORARY MAST ARMS FROM THE IDOT DISTRICT FOUR WAREHOUSE LOCATED AT 6515 W. US ROUTE 150, EDWARDS TO THE JOB SITE. THE MAST ARMS SHALL BE DELIVERED TO THE IDOT DISTRICT FOUR WAREHOUSE UPON REMOVAL OF THE TEMPORARY TRAFFIC SIGNALS.
T3.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
T4.	ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
T5.	TEMPORARY CONCRETE FOUNDATIONS SHALL BE INSTALLED IN ACCORDANCE WITH HIGHWAY STANDARD 878001. THE FOUNDATIONS SHALL BE REMOVED IN ACCORDANCE WITH ARTICLE 895.05 OF THE STANDARD SPECIFICATIONS UPON REMOVAL OF THE TEMPORARY TRAFFIC SIGNALS. FOUNDATION DEPTHS SHALL BE AS INDICATED ON THE PLANS.
T6.	THE CONTRACTOR SHALL FURNISH AND INSTALL A FOUR CAMERA VIDEO DETECTION SYSTEM (COMPLETE WITH CAMERAS, CABLES, AND PROCESSORS) FOR USE WITH THE TEMPORARY TRAFFIC SIGNALS. THE CONTRACTOR SHALL FURNISH ALL CABLE, HARDWARE, BRACKETS, AND ACCESSORIES REQUIRED FOR A COMPLETELY FUNCTIONAL SYSTEM. UPON REMOVAL OF THE TEMPORARY TRAFFIC SIGNALS, THE VIDEO DETECTION SYSTEM SHALL BECOME THE PROPERTY OF THE DEPARTMENT. THE CONTRACTOR SHALL DELIVER THE VIDEO DETECTION SYSTEM, IN GOOD WORKING CONDITION, TO THE IDOT TRAFFIC BUILDING LOCATED AT 1025 W. DETWEILLER DR., PEORIA. THE CONTRACTOR SHALL NOTIFY PAUL GRANT AT (309) 671-4474 FORTY EIGHT HOURS PRIOR TO DELIVERY.
T7.	THE DEPARTMENT WILL FURNISH THE TEMPORARY TRAFFIC SIGNAL CONTROLLER AND TEMPORARY TRAFFIC SIGNAL HEADS UPON REQUEST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRANSPORTING THE EQUIPMENT TO THE JOB SITE. THE CONTRACTOR SHALL DELIVER ALL DEPARTMENT PROVIDED EQUIPMENT, IN GOOD WORKING CONDITION, TO THE IDOT TRAFFIC BUILDING OR DISTRICT FOUR WAREHOUSE UPON REMOVAL OF THE TEMPORARY TRAFFIC SIGNALS.
T8.	AERIAL AND UNDERGROUND CONDUIT TRAFFIC SIGNAL CABLE SHALL BE FURNISHED AND INSTALLED AS SHOWN ON THE PLAN SHEETS.
T9.	THE TEMPORARY TRAFFIC SIGNAL SPAN WIRES AND CABLES SHALL BE ATTACHED TO THE WOOD POLES IN A MANNER APPROVED BY THE ENGINEER. ALL CABLES SHALL MAINTAIN A 18 FT. CLEARANCE ABOVE THE HIGHEST POINT OF THE ROADWAY.
T10.	ALL TRAFFIC SIGNAL HEADS SHALL HAVE 12" LENSES.
T11.	ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
T12.	THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.
T13.	THE CONTRACTOR SHALL FURNISH ENOUGH SLACK CABLE TO RELOCATE THE HEADS TO ANY POSITION REQUIRED FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING SIGNAL HEAD RELOCATIONS.
T14.	THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO RELOCATE TEMPORARY TRAFFIC SIGNAL HEADS IN ACCORDANCE WITH PROPOSED CONSTRUCTION STAGING.
T15.	THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD AND NEC STANDARDS.
T16.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR MODIFYING THE VIDEO DETECTION SYSTEM TO ACCOMMODATE CONSTRUCTION STAGING (INCLUDING CAMERA AIMING AND PROGRAMMING).
T17.	ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE BID PRICE FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.

SCHEDULE OF QUANTITIES		
ITEM DESCRIPTION	UNIT	QUANTITY
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1.0

- TEMPORARY TRAFFIC SIGNAL LEGEND**
- - - TEMPORARY TRAFFIC SIGNAL SPAN WIRE AND CABLE
 - ⊗ TEMPORARY WOOD POLE WITH GUY WIRES
 - + Δ TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
 - Ⓜ TEMPORARY VIDEO CAMERA (FURNISHED BY CONTRACTOR)
 - ⓧ TEMPORARY CONTROLLER CABINET (FURNISHED BY DEPT.)
 - TEMPORARY MAST ARM (STD OR COMBINATION) (FURNISHED BY THE DEPT.)
 - TEMPORARY UNDERGROUND CONDUIT